



**BRS:**

- ☐ Pending
- ☒ Active
- ☐ Failed
- ☐ Saved

- ☒ (1537) lighter adj10 fluid
- ☒ (12527) terpene or limonene
- ☒ (6) (lighter adj10 fluid) and (terpene or limonene )
- ☒ (2) 44/603 and thickens
- ☒ (10) 44/603 and thickS
- ☒ (153) 44/603
- ☒ (2) (lighter adj10 fluid) and 44/603
- ☒ (3) "5252107"

**Favorites**

09/15/63:7

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DBs

all hit terms initially

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Ret

09/756597

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
 NEWS 2 Sep 17 IMSworld Pharmaceutical Company Directory name change  
 to PHARMASEARCH  
 NEWS 3 Oct 09 Korean abstracts now included in Derwent World Patents  
 Index  
 NEWS 4 Oct 09 Number of Derwent World Patents Index updates increased  
 NEWS 5 Oct 15 Calculated properties now in the REGISTRY/ZREGISTRY File  
 NEWS 6 Oct 22 Over 1 million reactions added to CASREACT  
 NEWS 7 Oct 22 DGENE GETSIM has been improved  
 NEWS 8 Oct 29 AAASD no longer available  
 NEWS 9 Nov 19 New Search Capabilities USPATFULL and USPAT2  
 NEWS 10 Nov 19 TOXCENTER(SM) - new toxicology file now available on STN  
 NEWS 11 Nov 29 COPPERLIT now available on STN  
 NEWS 12 Nov 29 DWPI revisions to NTIS and US Provisional Numbers  
 NEWS 13 Nov 30 Files VETU and VETB to have open access  
 NEWS 14 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002  
 NEWS 15 Dec 10 DGENE BLAST Homology Search  
 NEWS 16 Dec 17 WELDASEARCH now available on STN  
 NEWS 17 Dec 17 STANDARDS now available on STN  
 NEWS 18 Dec 17 New fields for DPCI  
 NEWS 19 Dec 19 CAS Roles modified  
 NEWS 20 Dec 19 1907-1946 data and page images added to CA and CPlus  
 NEWS 21 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
 NEWS 22 Jan 25 Searching with the P indicator for Preparations  
  
 NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0c,  
 CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),  
 AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001  
 NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE  
 Some commands only work in certain files. For example, the EXPLAN

command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.47

1.47

FILE 'CAPLUS' ENTERED AT 10:36:38 ON 26 JAN 2002

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FILE COVERS 1907 - 26 Jan 2002 VOL 136 ISS 5

FILE LAST UPDATED: 25 Jan 2002 (20020125/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

Caplus now provides online access to patents and literature covered in CA from 1907 to the present. Bibliographic information and abstracts were added in 2001 for over 3.8 million records from 1907-1966.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The CA Lexicon is now available in the Controlled Term (/CT) field. Enter HELP LEXICON for full details.

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=> s light?(P) fluid

823209 LIGHT?

304431 FLUID

125113 FLUIDS

363754 FLUID

FILE LAST REB

FILE LAST REB

=> d 12 1-59 ti

- LE ANSWER 1 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Flow topology adjacent to a fast moving contact line
- LE ANSWER 2 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Crustal heat production and style of metamorphism: a comparison between two Archean high grade provinces in the Limpopo Belt, southern Africa
- LE ANSWER 3 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Different structural vascular changes in angiotensin II-treated and cold-stressed rats
- LE ANSWER 4 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI **Light** scattering and rheology of complex **fluids** driven far from equilibrium
- LE ANSWER 5 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Fetal epidermal differentiation and barrier development in vivo is accelerated by nuclear hormone receptor activators
- LE ANSWER 6 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Rheological behavior of Erwinia gum in aqueous solution
- LE ANSWER 7 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI The morphology of non-equilibrium foam and gelled foam lamellae in porous media
- LE ANSWER 8 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Ablation of inner hair cells by carboplatin alters cells in the medial K+ flow route and disrupts tectorial membrane
- LE ANSWER 9 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI A commercially available PD fluid with high pH and low GDP induces different morphological changes of rat peritoneum in intermittent PD
- LE ANSWER 10 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Improving **thickener** performance at the Pasminco Hobart smelter
- LE ANSWER 11 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Uplift and exposure history of the Cote d'Ivoire-Ghana transform margin: geochemistry of pore-filling and fracture vein calcites
- LE ANSWER 12 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Gas-assisted displacement of viscoelastic fluids: flow dynamics at the bubble front
- LE ANSWER 13 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Alteration of fibronectin, laminin, and phospholipid in BALF of guinea pigs with berylliosis
- LE ANSWER 14 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 TI Effect of zinc deficiency on boundary layers of seminiferous tubules of
- thickening
- LE ANSWER 16 OF 59 CAPLUS COPYRIGHT 2002 ACS

- TI Shear **thickening** in low-concentration wormlike micellar solutions.
- L2 ANSWER 17 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Shear-induced dimerization
- L2 ANSWER 18 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Hydrothermal light-weight calcium phosphate cements: use of polyacrylonitrile-shelled hollow microspheres
- L2 ANSWER 19 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Rheophysics of lamellar phases
- L2 ANSWER 20 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Oil-free, water-soluble, hydroxyethyl cellulose, liquid, polymer dispersion
- L2 ANSWER 21 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Hydrogen peroxide-induced dermatitis in WBN/Kob-Ht rats
- L2 ANSWER 22 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Stable isotope evidence for thermochemical sulfate reduction in the Dugald River (Australia) strata-bound shale-hosted zinc-lead deposit
- L2 ANSWER 23 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Network formation and its consequences for the physical behavior of associating polymers in solution
- L2 ANSWER 24 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Shear Induced Structural Changes in a Gel-Forming Suspension Studied by Light Scattering and Rheology
- L2 ANSWER 25 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Solidification fronts and magmatic evolution
- L2 ANSWER 26 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Laboratory models of growing flanges, and a comparison with other growth mechanisms of "black smoker" chimneys
- L2 ANSWER 27 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI A comparison of carboxyhemoglobin measurements of thermo-changed blood with co-oximeter and gas chromatography
- L2 ANSWER 28 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI Noble metal abundances and characteristics of six granitic magma series, Archean Abitibi Belt, Pontiac Subprovince: relationships to metallogeny and overprinting of mesothermal gold deposits
- L2 ANSWER 29 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI A rheological study on the viscoelastic flow past spheres in a cylinder
- L2 ANSWER 30 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI **Light** scattering characterization of polymer additives and correlation of molecular properties of polymer **fluids**
- L2 ANSWER 31 OF 59 CAPLUS COPYRIGHT 2002 ACS  
TI A rheological study on the viscoelastic flow past spheres in a cylinder

- L1 ANSWER 33 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Morphometric analysis of monkey cerebral arteries exposed in vivo to whole blood, oxyhemoglobin, methemoglobin, and bilirubin
- L1 ANSWER 34 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Oil-well cement slurries with good fluid-loss control
- L1 ANSWER 35 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Response of rodents to inhaled diluted diesel exhaust: biochemical and cytological changes in bronchoalveolar lavage fluid and in lung tissue
- L1 ANSWER 36 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Aqueous hydraulic fluids with synthetic ingredients
- L1 ANSWER 37 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Planning and implementing a large-scale polymer flood
- L1 ANSWER 38 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Stucco composition
- L1 ANSWER 39 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Flow characteristics of hydraulic fluids of different viscosities. II. Flow in pumps: internal leakage and loss of efficiency
- L1 ANSWER 40 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Drilling fluids
- L1 ANSWER 41 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Oil recovery process employing **thickened** aqueous driving fluid
- L1 ANSWER 42 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Laser Dopplermeter and polymer drag reduction
- L1 ANSWER 43 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Diffuse interface in a critical fluid mixture
- L1 ANSWER 44 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Evaluation of lubricants using optical elastohydrodynamics
- L1 ANSWER 45 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 External flows of viscoelastic materials: fluid property restrictions on the use of velocity-sensitive probes
- L1 ANSWER 46 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Strengthening light steel pressure vessels by stretching
- L1 ANSWER 47 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Briquet **lighter fluid**
- L1 ANSWER 48 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Development of grease lubricants for heat-resistant ball and roller bearings of electrical equipment
- L1 ANSWER 49 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Lubricating greases

L2 ANSWER 51 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Lubricant antioxidants  
  
 L2 ANSWER 52 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Vinylation of cyclic hydrocarbons  
  
 L2 ANSWER 53 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Measurement of consistency of soft solids and **thickened** liquids  
  
 L2 ANSWER 54 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Development of additives and lubricating-oil compositions  
  
 L2 ANSWER 55 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Complex basic soap greases  
  
 L2 ANSWER 56 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Plasma membrane structure in the light of frost-hardening changes  
  
 L2 ANSWER 57 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Ficus elastica and Castilleja latexes  
  
 L2 ANSWER 58 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Making emulsions  
  
 L2 ANSWER 59 OF 59 CAPLUS COPYRIGHT 2002 ACS  
 T1 Compound fabrics

=> 12 47 all

L2 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
 For a list of commands available to you in the current file, enter  
 "HELP COMMANDS" at an arrow prompt (=>).

=> d 12 47 all

L2 ANSWER 47 OF 59 CAPLUS COPYRIGHT 2002 ACS

Full-text

AN 1966:42934 CAPLUS

DI 64:42934

OREF 64:7958c-d

T1 Briquet **lighter fluid**

IN Mueller, Albert J.; Wills, Lowell E.

PA Great Lakes Carbon Corp.

SO 3 pp.

LT Patent

LA Unavailable

NEL 044007000

CC 27 (Petroleum and Petroleum Derivatives)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3226208		19651228	US	19610321
	lighter fluid that has a change of "wet" appearance to the				

The sample is placed in a beaker and thickening  
 is observed and with the addition of more of the same material the  
 sample is stirred. The next is heated to 100° with stirring and is cooled.